

BONE PRECURSOR COMPOSITIONS**ABSTRACT OF THE DISCLOSURE**

Bone precursor compositions, methods of preparation and use are described.

Bone precursor compositions include a calcium cement which is suitable for injection,

- 5 wherein the calcium cement includes monobasic calcium phosphate monohydrate and beta-tricalcium phosphate. The bone precursor compositions can further include biopolymer foams, collagen, extracellular matrix components, therapeutic agents, or biopolymer fibers. The bone precursor compositions can also include or be conditioned with cells, such as connective tissue cells, preferably bone tissue cells.